FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Eastman Chemical Company

AUTHORIZING THE OPERATION OF
Eastman Chemical Texas Operations
C2 - Aldehyde Reduction
All Other Basic Organic Chemical Manufacturing

LOCATED AT
Harrison County, Texas
Latitude 32° 16′ 15″ Longitude 94° 41′ 37″
Regulated Entity Number: RN100219815

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1968 Issuance Date: June 13, 2019

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:

    A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

    B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

    C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

    D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart FFFF as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.890 which incorporates the 40 CFR Part 63 Subparts by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

D. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

6. For miscellaneous chemical process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the requirements of 40 CFR § 63.105 (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).

7. For miscellaneous chemical process facilities with Group 2 wastewater streams subject to wastewater operations requirements in 40 CFR Part 63, Subpart FFFF, the permit holder shall comply with the requirements of 40 CFR § 63.132(a), (a)(1), (a)(1)(i), and (a)(3) as specified in § 63.2485(a) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).

8. For site remediation projects subject to 40 CFR Part 63, Subpart GGGGG that are completed within 30 consecutive calendar days the permit holder shall comply with 40 CFR § 63.7884(b), (b)(1) - (3) (Title 30 TAC, Subchapter C, § 113.1160 incorporated by reference).

9. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

New Source Review Authorization Requirements

10. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

11. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

12. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

13. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

14. Use of Discrete Emission Credits to comply with the applicable requirements:

    A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

        (i) Title 30 TAC Chapter 115

        (ii) Title 30 TAC Chapter 117

        (iii) If applicable, offsets for Title 30 TAC Chapter 116

        (iv) Temporarily exceed state NSR permit allowables

    B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

        (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

        (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

        (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

        (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

15. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Permit Location

16. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

17. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
OX010D13	DISTILLATION OPERATIONS	N/A	60NNN-0013	40 CFR Part 60, Subpart NNN	No changing attributes.
OX010D14	DISTILLATION OPERATIONS	N/A	60NNN-0012	40 CFR Part 60, Subpart NNN	No changing attributes.
OX010D15	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010D16	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010D18	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010D19	DISTILLATION OPERATIONS	N/A	60NNN-0005a	40 CFR Part 60, Subpart NNN	Subpart NNN Control Device = Flare.
OX010D19	DISTILLATION OPERATIONS	N/A	60NNN-0005b	40 CFR Part 60, Subpart NNN	Subpart NNN Control Device = Condenser., Organic Monitoring Device = A recovery device specific monitoring device is used to demonstrate compliance with the TRE index value limit of § 60.662(c).
OX010D19	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0008	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010D20	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010D22	DISTILLATION OPERATIONS	N/A	60NNN-0005a	40 CFR Part 60, Subpart NNN	Subpart NNN Control Device = Flare.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
OX010D22	DISTILLATION OPERATIONS	N/A	60NNN-0005b	40 CFR Part 60, Subpart NNN	Subpart NNN Control Device = Condenser., Organic Monitoring Device = A recovery device specific monitoring device is used to demonstrate compliance with the TRE index value limit of § 60.662(c).
OX010D25	DISTILLATION OPERATIONS	N/A	60NNN-0013	40 CFR Part 60, Subpart NNN	No changing attributes.
OX010D27	DISTILLATION OPERATIONS	N/A	60NNN-0012	40 CFR Part 60, Subpart NNN	No changing attributes.
OX010D28	DISTILLATION OPERATIONS	N/A	60NNN-0012	40 CFR Part 60, Subpart NNN	No changing attributes.
OX010D30	DISTILLATION OPERATIONS	N/A	60NNN-0012	40 CFR Part 60, Subpart NNN	No changing attributes.
OX010D31B	DISTILLATION OPERATIONS	N/A	60NNN-0012	40 CFR Part 60, Subpart NNN	No changing attributes.
OX010D34	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010D37	DISTILLATION OPERATIONS	N/A	60NNN-0013	40 CFR Part 60, Subpart NNN	No changing attributes.
OX010D38	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010E184	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010FG1	FUGITIVE EMISSION UNITS	N/A	63FFFF-0006	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010FG2	FUGITIVE EMISSION UNITS	N/A	60VVa-0001	40 CFR Part 60, Subpart VVa	No changing attributes.
OX010FG3	FUGITIVE EMISSION UNITS	N/A	63FFFF-0006	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX010R11	REACTOR	N/A	60RRR-0001a	40 CFR Part 60, Subpart RRR	Control Device = Boiler or process heater with design heat input of 44 MW (150MMBTU/hr) or greater., Bypass Line = There is no bypass line valve.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
OX010R11	REACTOR	N/A	60RRR-0001b	40 CFR Part 60, Subpart RRR	Control Device = Flare that meets the requirements of 40 CFR § 60.18., Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration., Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere.
OX010R124	REACTOR	N/A	60RRR-0012	40 CFR Part 60, Subpart RRR	No changing attributes.
OX010R13	REACTOR	N/A	60RRR-0001a	40 CFR Part 60, Subpart RRR	Control Device = Boiler or process heater with design heat input of 44 MW (150MMBTU/hr) or greater., Bypass Line = There is no bypass line valve.
OX010R13	REACTOR	N/A	60RRR-0001b	40 CFR Part 60, Subpart RRR	Control Device = Flare that meets the requirements of 40 CFR § 60.18., Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration., Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere.
OX010R16	REACTOR	N/A	60RRR-0001a	40 CFR Part 60, Subpart RRR	Control Device = Boiler or process heater with design heat input of 44 MW (150MMBTU/hr) or greater., Bypass Line = There is no bypass line valve.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
OX010R16	REACTOR	N/A	60RRR-0001b	40 CFR Part 60, Subpart RRR	Control Device = Flare that meets the requirements of 40 CFR § 60.18., Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration., Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere.
OX010R20	REACTOR	N/A	60RRR-0001a	40 CFR Part 60, Subpart RRR	Control Device = Boiler or process heater with design heat input of 44 MW (150MMBTU/hr) or greater., Bypass Line = There is no bypass line valve.
OX010R20	REACTOR	N/A	60RRR-0001b	40 CFR Part 60, Subpart RRR	Control Device = Flare that meets the requirements of 40 CFR § 60.18., Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration., Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere.
OX010R22	REACTOR	N/A	60RRR-0001a	40 CFR Part 60, Subpart RRR	Control Device = Boiler or process heater with design heat input of 44 MW (150MMBTU/hr) or greater., Bypass Line = There is no bypass line valve.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
OX010R22	REACTOR	N/A	60RRR-0001b	40 CFR Part 60, Subpart RRR	Control Device = Flare that meets the requirements of 40 CFR § 60.18., Bypass Line Valve Secured = The bypass line valve is secured in the closed position with a car-seal or a lock-and-key type configuration., Bypass Line = There is a bypass line valve that could divert the vent stream around the control device and directly to the atmosphere.
OX010R323	REACTOR	N/A	60RRR-0012	40 CFR Part 60, Subpart RRR	No changing attributes.
OX010R325	REACTOR	N/A	60RRR-0012	40 CFR Part 60, Subpart RRR	No changing attributes.
OX010R326	REACTOR	N/A	60RRR-0012	40 CFR Part 60, Subpart RRR	No changing attributes.
OX011D41	DISTILLATION OPERATIONS	N/A	60NNN-0012	40 CFR Part 60, Subpart NNN	No changing attributes.
OX011D43	DISTILLATION OPERATIONS	N/A	60NNN-0013	40 CFR Part 60, Subpart NNN	No changing attributes.
OX011D43	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX011D44	DISTILLATION OPERATIONS	N/A	60NNN-0013	40 CFR Part 60, Subpart NNN	No changing attributes.
OX011FL1A	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OX011FL1A	FLARES	N/A	60A-0001	40 CFR Part 60, Subpart A	No changing attributes.
OX011FL1B	FLARES	N/A	R1111-0002	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OX011FL1B	FLARES	N/A	60A-0001	40 CFR Part 60, Subpart A	No changing attributes.
OX048FL1C	FLARES	N/A	R1111-0003	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OX048FL1C	FLARES	N/A	60A-0001	40 CFR Part 60, Subpart A	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
OX050T190	STORAGE TANKS/VESSELS	N/A	60KB-0004	40 CFR Part 60, Subpart Kb	No changing attributes.
OX050T191R	STORAGE TANKS/VESSELS	N/A	60Kb-0001	40 CFR Part 60, Subpart Kb	No changing attributes.
OX050T422	STORAGE TANKS/VESSELS	N/A	60KB-0006	40 CFR Part 60, Subpart Kb	No changing attributes.
OX053D32	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX053D5	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX053D8B	DISTILLATION OPERATIONS	N/A	60NNN-0013	40 CFR Part 60, Subpart NNN	No changing attributes.
OX053D8B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63FFFF-0005	40 CFR Part 63, Subpart FFFF	No changing attributes.
OX053D9R	DISTILLATION OPERATIONS	N/A	60NNN-0012	40 CFR Part 60, Subpart NNN	No changing attributes.
PRONPG	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-0013	40 CFR Part 63, Subpart FFFF	No changing attributes.
PRONPGHE	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63FFFF-0007	40 CFR Part 63, Subpart FFFF	No changing attributes.
PROPROH	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-0013	40 CFR Part 63, Subpart FFFF	No changing attributes.
PROPROHHE	INDUSTRIAL PROCESS COOLING TOWERS	N/A	63FFFF-0007	40 CFR Part 63, Subpart FFFF	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010D13	EP	60NNN-0013	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(6)	Each affected facility operated with vent stream flow rate <0.008 scm/min (< 0.28 scf/min) is exempt from all provisions of this subpart except requirements in §60.664(g); §60.665(i), (l)(5), (o).	§ 60.664(h) § 60.665(l)(5)	§ 60.665(i)	§ 60.665(l) § 60.665(l)(5) § 60.665(o)
OX010D14	EP	60NNN-0012	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	[G]§ 60.665(h) § 60.665(p)	§ 60.664(g)(1) § 60.665(l) § 60.665(l)(7) § 60.665(p)
OX010D15	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
OX010D16	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010D18	EP	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
OX010D19	EP	60NNN-0005a	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(b) § 60.18	Each affected facility shall combust the emissions in a flare that meets the requirements of § 60.18.	§ 60.663(b) § 60.663(b)(1) § 60.663(b)(2) § 60.664(a) § 60.664(d) [G]§ 60.664(e)	§ 60.663(b)(2) § 60.665(b) § 60.665(b)(3) § 60.665(d) § 60.665(f)	§ 60.665(a) § 60.665(b) § 60.665(b)(3) § 60.665(k) § 60.665(l) § 60.665(l)(2) § 60.665(l)(4)
OX010D19	EP	60NNN-0005b	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(c)	The affected facility shall maintain a TRE index value > 1.0 without use of VOC emission control devices.	§ 60.663(e) § 60.663(e)(2)(i) § 60.664(a) [G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	§ 60.663(e)(2)(i) § 60.665(b) § 60.665(b)(4)(ii) § 60.665(b)(4)(v) § 60.665(g) § 60.665(g)(2) [G]§ 60.665(h)	§ 60.664(g)(1) § 60.665(a) § 60.665(b) § 60.665(b)(4)(ii) § 60.665(b)(4)(v) § 60.665(g) § 60.665(g)(2) § 60.665(k) § 60.665(l) § 60.665(l)(1) § 60.665(l)(7)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010D19	EP	63FFFF-0008	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(a) § 63.2455(a)-Table 1.3 § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3) § 63.2455(c) § 63.2535(h) § 63.982(e) § 63.993(a)(1) § 63.993(a)(2) § 63.996(c)(1) § 63.996(c)(2) § 63.996(c)(2)(i) § 63.996(c)(3) § 63.996(c)(4) § 63.996(c)(5) § 63.996(c)(6)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii) § 63.993(c)(2) § 63.996(b)(1) § 63.996(b)(1)(i) § 63.996(b)(2)	§ 63.993(b) § 63.993(c)(2) § 63.996(c)(2)(ii) § 63.998(a)(3) § 63.998(a)(3)(ii) § 63.998(a)(3)(iv) § 63.998(a)(3)(v) [G]§ 63.998(b)(1) [G]§ 63.998(b)(2) [G]§ 63.998(b)(3) [G]§ 63.998(b)(5) [G]§ 63.998(c)(1) § 63.998(c)(3)(i) [G]§ 63.998(c)(3)(ii) § 63.998(c)(3)(iii) § 63.998(d)(3)(i) § 63.998(d)(3)(ii) § 63.998(d)(5)	§ 63.2450(q) § 63.996(b)(2) § 63.996(c)(6) § 63.998(a)(3) [G]§ 63.998(b)(3) [G]§ 63.999(b)(3) § 63.999(b)(5) § 63.999(c)(1) § 63.999(c)(6) [G]§ 63.999(c)(6)(i) § 63.999(c)(6)(iv)
OX010D20	EP	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
OX010D22	EP	60NNN-0005a	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(b) § 60.18	Each affected facility shall combust the emissions in a flare that meets the requirements of § 60.18.	§ 60.663(b) § 60.663(b)(1) § 60.663(b)(2) § 60.664(a) § 60.664(d) [G]§ 60.664(e)	§ 60.663(b)(2) § 60.665(b) § 60.665(b)(3) § 60.665(d) § 60.665(f)	§ 60.665(a) § 60.665(b) § 60.665(b)(3) § 60.665(k) § 60.665(l) § 60.665(l)(2) § 60.665(l)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010D22	EP	60NNN-0005b	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.662(c)	The affected facility shall maintain a TRE index value > 1.0 without use of VOC emission control devices.	§ 60.663(e) § 60.663(e)(2)(i) § 60.664(a) [G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	§ 60.663(e)(2)(i) § 60.665(b) § 60.665(b)(4)(ii) § 60.665(b)(4)(v) § 60.665(g) § 60.665(g)(2) [G]§ 60.665(h)	§ 60.664(g)(1) § 60.665(a) § 60.665(b) § 60.665(b)(4)(ii) § 60.665(b)(4)(v) § 60.665(g) § 60.665(g)(2) § 60.665(k) § 60.665(l) § 60.665(l)(1) § 60.665(l)(7)
OX010D25	EP	60NNN-0013	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(6)	Each affected facility operated with vent stream flow rate <0.008 scm/min (< 0.28 scf/min) is exempt from all provisions of this subpart except requirements in §60.664(g); §60.665(i), (l)(5), (o).	§ 60.664(h) § 60.665(l)(5)	§ 60.665(i)	§ 60.665(l) § 60.665(l)(5) § 60.665(o)
OX010D27	EP	60NNN-0012	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	[G]§ 60.665(h) § 60.665(p)	§ 60.664(g)(1) § 60.665(l) § 60.665(l)(7) § 60.665(p)
OX010D28	EP	60NNN-0012	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	[G]§ 60.665(h) § 60.665(p)	§ 60.664(g)(1) § 60.665(l) § 60.665(l)(7) § 60.665(p)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010D30	EP	60NNN-0012	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	[G]§ 60.665(h) § 60.665(p)	§ 60.664(g)(1) § 60.665(l) § 60.665(l)(7) § 60.665(p)
OX010D31B	EP	60NNN-0012	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	[G]§ 60.665(h) § 60.665(p)	§ 60.664(g)(1) § 60.665(l) § 60.665(l)(7) § 60.665(p)
OX010D34	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
OX010D37	EP	60NNN-0013	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(6)	Each affected facility operated with vent stream flow rate <0.008 scm/min (< 0.28 scf/min) is exempt from all provisions of this subpart except requirements in §60.664(g); §60.665(i), (l)(5), (o).	§ 60.664(h) § 60.665(l)(5)	§ 60.665(i)	§ 60.665(l) § 60.665(l)(5) § 60.665(o)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010D38	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
OX010E184	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
OX010FG1	EU	63FFFF-0006	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a pump in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a valve in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(f) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a connector in heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-7a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(d) [G]§ 60.482-7a(e) [G]§ 60.482-7a(f) [G]§ 60.482-7a(g) [G]§ 60.482-7a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(e) § 60.482-9a(f) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a valve in gas vapor service if an instrument reading of 500 ppm or greater is measured, a leak is detected.	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-7a(a)(1) [G]§ 60.482-7a(a)(2) [G]§ 60.482-7a(c) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) § 60.486a(f)(2)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(2) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(ii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-6a(a)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-6a(a)(2) § 60.482-6a(b) § 60.482-6a(c) § 60.482-6a(d) § 60.482-6a(e) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in §60.482–1a(c) and paragraphs (d) and (e) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-5a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-5a(b) § 60.482-5a(c) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system, except as provided in §60.482–1a(c) and paragraph (c) of this section.	§ 60.482-1a(g) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-4a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-4a(b)(1) § 60.482-4a(b)(2) § 60.482-4a(c) § 60.482-4a(d)(1) § 60.482-4a(d)(2) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as determined by the methods specified in §60.485a(c).	§ 60.482-1a(g) § 60.482-4a(b)(2) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) § 60.486a(e) § 60.486a(e)(1) § 60.486a(e)(10) § 60.486a(e)(3) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-3a(a) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-3a(b) § 60.482-3a(c) § 60.482-3a(d) § 60.482-3a(e)(2) § 60.482-3a(f) [G]§ 60.482-3a(g) § 60.482-3a(h) [G]§ 60.482-3a(i) § 60.482-3a(j) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	Each compressor shall be equipped with a seal system that includes a barrier fluid system and that prevents leakage of VOC to the atmosphere, except as provided in §60.482–3a(c) and paragraphs (h), (i), and (j) of this section.	§ 60.482-1a(g) § 60.482-3a(e)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) [G]§ 60.486a(e)(8) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(4) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(v) § 60.487a(c)(2)(vi) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	[G]§ 60.482-2a(b)(1) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) § 60.482-2a(b)(2) § 60.482-2a(b)(2)(ii) § 60.482-2a(c)(1) [G]§ 60.482-2a(c)(2) § 60.482-2a(d) [G]§ 60.482-2a(d)(1) § 60.482-2a(d)(2) § 60.482-2a(d)(3) [G]§ 60.482-2a(d)(6) [G]§ 60.482-2a(e) § 60.482-2a(f) [G]§ 60.482-2a(g) § 60.482-2a(h) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(d) § 60.482-9a(f) § 60.485a(b) § 60.485a(c) § 60.485a(c)(1) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	The instrument reading that defines a leak in a pump in light liquid service is 5,000 parts per million (ppm) or greater for pumps handling polymerizing monomers or 2,000 ppm or greater for all other pumps, as specified in paragraphs (b)(1)(i) and (ii) of this section. §60.482-2a(b)(1)(i)-(ii)	§ 60.482-1a(f)(1) § 60.482-1a(f)(2) [G]§ 60.482-1a(f)(3) § 60.482-1a(g) § 60.482-2a(a)(1) § 60.482-2a(a)(2) § 60.482-2a(b)(2)(i) [G]§ 60.482-2a(d)(4) [G]§ 60.482-2a(d)(5) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) § 60.485a(c)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(2) [G]§ 60.486a(e)(4) § 60.486a(e)(7) [G]§ 60.486a(e)(8) § 60.486a(f) § 60.486a(f)(1) [G]§ 60.486a(h)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(3) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(iii) § 60.487a(c)(2)(iv) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-8a(b) § 60.482-1a(a) § 60.482-1a(b) § 60.482-1a(g) [G]§ 60.482-2a(c)(2) [G]§ 60.482-7a(e) § 60.482-8a(a) § 60.482-8a(a)(2) [G]§ 60.482-8a(c) § 60.482-8a(d) § 60.482-9a(a) § 60.482-9a(b) § 60.485a(b) § 60.485a(f) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	At a pressure relief device in light liquid or heavy liquid service, if an instrument reading of 10,000 ppm or greater is measured, a leak is detected.	§ 60.482-1a(g) § 60.482-8a(a)(1) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-1a(g) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)
OX010FG2	EU	60VVa-0001	VOC	40 CFR Part 60, Subpart VVa	§ 60.482-11a(b)(2) § 60.482-11a(b)(3) § 60.482-11a(d) [G]§ 60.482-11a(e) [G]§ 60.482-11a(f)(1) § 60.482-11a(f)(2) § 60.482-11a(g) § 60.482-9a(a) § 60.482-9a(b) [G]§ 60.482-9a(c) § 60.482-9a(f) § 60.485a(b) § 60.486a(a)(1) § 60.486a(a)(2) § 60.486a(k)	If an instrument reading greater than or equal to 500 ppm is measured in connectors in gas and vapor and light liquid service, a leak is detected.	§ 60.482-11a(a) § 60.482-11a(b) § 60.482-11a(b)(1) § 60.482-11a(b)(3) § 60.482-11a(b)(3)(i) § 60.482-11a(b)(3)(ii) [G]§ 60.482-11a(b)(3)(iii) § 60.482-11a(b)(3)(iv) § 60.482-11a(c) § 60.482-9a(a) § 60.485a(a) [G]§ 60.485a(b)(1) § 60.485a(b)(2) [G]§ 60.485a(d) [G]§ 60.485a(e)	§ 60.482-11a(b)(3)(v) § 60.485a(b)(2) [G]§ 60.486a(a)(3) [G]§ 60.486a(b) [G]§ 60.486a(c) § 60.486a(e) § 60.486a(e)(1) [G]§ 60.486a(e)(8) § 60.486a(e)(9) § 60.486a(f) § 60.486a(f)(1)	§ 60.487a(a) § 60.487a(b) § 60.487a(b)(1) § 60.487a(b)(5) § 60.487a(c) § 60.487a(c)(1) § 60.487a(c)(2) § 60.487a(c)(2)(i) § 60.487a(c)(2)(vii) § 60.487a(c)(2)(viii) § 60.487a(c)(2)(xi) § 60.487a(c)(3) § 60.487a(c)(4) § 60.487a(e)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010FG3	EU	63FFFF-0006	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF
OX010R11	EP	60RRR-0001a	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(a) [G]§ 60.704(b)(5)	For each vent stream, reduce TOC by 98%w or to a TOC concentration of 20 ppmv, on a dry basis corrected to 3% oxygen, whichever is less stringent. If a boiler or process heater is used, introduce vent stream as specified.	§ 60.703(c) § 60.704(a) § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4)	§ 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(s)
OX010R11	EP	60RRR-0001b	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(b) § 60.18	For each vent stream, combust the emissions in a flare that meets the requirements of §60.18.	§ 60.703(b) § 60.703(b)(1) § 60.703(b)(2)(ii) § 60.704(a) § 60.704(c) [G]§ 60.704(d)	§ 60.705(b) § 60.705(b)(3) § 60.705(d)(2) § 60.705(e) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(3) § 60.705(k) § 60.705(l) § 60.705(l)(2) § 60.705(l)(3) § 60.705(l)(7) § 60.705(s)
OX010R124	EP	60RRR-0012	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.700(c)(2) § 60.702(c)	Each facility that has a total resource effectiveness index value > 8.0 is exempt from all provisions of this subpart except for §§60.702(c); 60.704(d), (e), and (f); and 60.705(g), (l)(1), (l)(6) and (t).	[G]§ 60.704(d) § 60.704(e) [G]§ 60.704(e)(1) § 60.704(e)(2) § 60.704(f) § 60.704(f)(1) § 60.704(f)(2)	[G]§ 60.705(g) § 60.705(t)	§ 60.704(f)(1) § 60.705(l) § 60.705(l)(1) § 60.705(l)(6)

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OX010R13	EP	60RRR-0001a	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(a) [G]§ 60.704(b)(5)	For each vent stream, reduce TOC by 98%w or to a TOC concentration of 20 ppmv, on a dry basis corrected to 3% oxygen, whichever is less stringent. If a boiler or process heater is used, introduce vent stream as specified.	§ 60.703(c) § 60.704(a) § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4)	§ 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(s)
OX010R13	EP	60RRR-0001b	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(b) § 60.18	For each vent stream, combust the emissions in a flare that meets the requirements of §60.18.	§ 60.703(b) § 60.703(b)(1) § 60.703(b)(2)(ii) § 60.704(a) § 60.704(c) [G]§ 60.704(d)	§ 60.705(b) § 60.705(b)(3) § 60.705(d)(2) § 60.705(e) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(3) § 60.705(k) § 60.705(l) § 60.705(l)(2) § 60.705(l)(3) § 60.705(l)(7) § 60.705(s)
OX010R16	EP	60RRR-0001a	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(a) [G]§ 60.704(b)(5)	For each vent stream, reduce TOC by 98%w or to a TOC concentration of 20 ppmv, on a dry basis corrected to 3% oxygen, whichever is less stringent. If a boiler or process heater is used, introduce vent stream as specified.	§ 60.703(c) § 60.704(a) § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4)	§ 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(s)
OX010R16	EP	60RRR-0001b	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(b) § 60.18	For each vent stream, combust the emissions in a flare that meets the requirements of §60.18.	§ 60.703(b) § 60.703(b)(1) § 60.703(b)(2)(ii) § 60.704(a) § 60.704(c) [G]§ 60.704(d)	§ 60.705(b) § 60.705(b)(3) § 60.705(d)(2) § 60.705(e) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(3) § 60.705(k) § 60.705(l) § 60.705(l)(2) § 60.705(l)(3) § 60.705(l)(7) § 60.705(s)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010R20	EP	60RRR-0001a	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(a) [G]§ 60.704(b)(5)	For each vent stream, reduce TOC by 98%w or to a TOC concentration of 20 ppmv, on a dry basis corrected to 3% oxygen, whichever is less stringent. If a boiler or process heater is used, introduce vent stream as specified.	§ 60.703(c) § 60.704(a) § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4)	§ 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(s)
OX010R20	EP	60RRR-0001b	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(b) § 60.18	For each vent stream, combust the emissions in a flare that meets the requirements of §60.18.	§ 60.703(b) § 60.703(b)(1) § 60.703(b)(2)(ii) § 60.704(a) § 60.704(c) [G]§ 60.704(d)	§ 60.705(b) § 60.705(b)(3) § 60.705(d)(2) § 60.705(e) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(3) § 60.705(k) § 60.705(l) § 60.705(l)(2) § 60.705(l)(3) § 60.705(l)(7) § 60.705(s)
OX010R22	EP	60RRR-0001a	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(a) [G]§ 60.704(b)(5)	For each vent stream, reduce TOC by 98%w or to a TOC concentration of 20 ppmv, on a dry basis corrected to 3% oxygen, whichever is less stringent. If a boiler or process heater is used, introduce vent stream as specified.	§ 60.703(c) § 60.704(a) § 60.704(b) § 60.704(b)(1) § 60.704(b)(2) § 60.704(b)(3) [G]§ 60.704(b)(4)	§ 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(2)(i) § 60.705(c) § 60.705(c)(4) § 60.705(k) § 60.705(l) § 60.705(l)(1) § 60.705(s)
OX010R22	EP	60RRR-0001b	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.702(b) § 60.18	For each vent stream, combust the emissions in a flare that meets the requirements of §60.18.	§ 60.703(b) § 60.703(b)(1) § 60.703(b)(2)(ii) § 60.704(a) § 60.704(c) [G]§ 60.704(d)	§ 60.705(b) § 60.705(b)(3) § 60.705(d)(2) § 60.705(e) § 60.705(s)	§ 60.705(a) § 60.705(b) § 60.705(b)(3) § 60.705(k) § 60.705(l) § 60.705(l)(2) § 60.705(l)(3) § 60.705(l)(7) § 60.705(s)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX010R323	EP	60RRR-0012	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.700(c)(2) § 60.702(c)	Each facility that has a total resource effectiveness index value > 8.0 is exempt from all provisions of this subpart except for §§60.702(c); 60.704(d), (e), and (f); and 60.705(g), (l)(1), (l)(6) and (t).	[G]§ 60.704(d) § 60.704(e) [G]§ 60.704(e)(1) § 60.704(e)(2) § 60.704(f) § 60.704(f)(1) § 60.704(f)(2)	[G]§ 60.705(g) § 60.705(t)	§ 60.704(f)(1) § 60.705(l) § 60.705(l)(1) § 60.705(l)(6)
OX010R325	EP	60RRR-0012	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.700(c)(2) § 60.702(c)	Each facility that has a total resource effectiveness index value > 8.0 is exempt from all provisions of this subpart except for §§60.702(c); 60.704(d), (e), and (f); and 60.705(g), (l)(1), (l)(6) and (t).	[G]§ 60.704(d) § 60.704(e) [G]§ 60.704(e)(1) § 60.704(e)(2) § 60.704(f) § 60.704(f)(1) § 60.704(f)(2)	[G]§ 60.705(g) § 60.705(t)	§ 60.704(f)(1) § 60.705(l) § 60.705(l)(1) § 60.705(l)(6)
OX010R326	EP	60RRR-0012	VOC/TOC	40 CFR Part 60, Subpart RRR	§ 60.700(c)(2) § 60.702(c)	Each facility that has a total resource effectiveness index value > 8.0 is exempt from all provisions of this subpart except for §§60.702(c); 60.704(d), (e), and (f); and 60.705(g), (l)(1), (l)(6) and (t).	[G]§ 60.704(d) § 60.704(e) [G]§ 60.704(e)(1) § 60.704(e)(2) § 60.704(f) § 60.704(f)(1) § 60.704(f)(2)	[G]§ 60.705(g) § 60.705(t)	§ 60.704(f)(1) § 60.705(l) § 60.705(l)(1) § 60.705(l)(6)
OX011D41	EP	60NNN-0012	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	[G]§ 60.665(h) § 60.665(p)	§ 60.664(g)(1) § 60.665(l) § 60.665(l)(7) § 60.665(p)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX011D43	EP	60NNN-0013	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(6)	Each affected facility operated with vent stream flow rate <0.008 scm/min (< 0.28 scf/min) is exempt from all provisions of this subpart except requirements in §60.664(g); §60.665(i), (l)(5), (o).	§ 60.664(h) § 60.665(l)(5)	§ 60.665(i)	§ 60.665(l) § 60.665(l)(5) § 60.665(o)
OX011D43	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
OX011D44	EP	60NNN-0013	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(6)	Each affected facility operated with vent stream flow rate <0.008 scm/min (< 0.28 scf/min) is exempt from all provisions of this subpart except requirements in §60.664(g); §60.665(i), (l)(5), (o).	§ 60.664(h) § 60.665(l)(5)	§ 60.665(i)	§ 60.665(l) § 60.665(l)(5) § 60.665(o)
OX011FL1A	CD	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX011FL1A	CD	60A-0001	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
OX011FL1B	CD	R1111-0002	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
OX011FL1B	CD	60A-0001	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None
OX048FL1C	CD	R1111-0003	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
OX048FL1C	CD	60A-0001	Opacity	40 CFR Part 60, Subpart A	§ 60.18(b) § 60.18(c)(1) § 60.18(c)(2) § 60.18(c)(3)(ii) § 60.18(c)(4)(i) § 60.18(c)(6) § 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX050T190	EU	60KB-0004	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/ modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
OX050T191R	EU	60Kb-0001	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/ modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
OX050T422	EU	60KB-0006	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,800 gal) used to store VOLs for which construction/reconstruction/ modification began after 7/23/84.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
OX053D32	EP	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
OX053D5	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
OX053D8B	EP	60NNN-0013	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(6)	Each affected facility operated with vent stream flow rate <0.008 scm/min (< 0.28 scf/min) is exempt from all provisions of this subpart except requirements in §60.664(g); §60.665(i), (l)(5), (o).	§ 60.664(h) § 60.665(l)(5)	§ 60.665(i)	§ 60.665(l) § 60.665(l)(5) § 60.665(o)
OX053D8B	EU	63FFFF-0005	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2455(b) § 63.2455(b)(1) § 63.2455(b)(2) § 63.2455(b)(3)	For each continuous process vent, you must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in paragraphs (b)(1)-(3) of this section.	§ 63.115(d) [G]§ 63.115(d)(1) § 63.115(d)(2) § 63.115(d)(2)(i) [G]§ 63.115(d)(2)(ii) § 63.115(d)(2)(iii) § 63.115(d)(2)(iv) § 63.115(d)(3)(i) § 63.115(d)(3)(ii)	None	None
OX053D9R	EP	60NNN-0012	VOC/TOC	40 CFR Part 60, Subpart NNN	§ 60.660(c)(4) § 60.662(c)	Each affected facility with a total resource effectiveness (TRE) index value > 8.0 is exempt from this subpart except for § 60.662; § 60.664(d), (e), (f); and § 60.665(h) and (l).	[G]§ 60.664(e) § 60.664(f) [G]§ 60.664(f)(1) § 60.664(f)(2) § 60.664(g) § 60.664(g)(1) § 60.664(g)(2)	[G]§ 60.665(h) § 60.665(p)	§ 60.664(g)(1) § 60.665(l) § 60.665(l)(7) § 60.665(p)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PRONPG	PRO	63FFFF-0013	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)
PRONPGHE	EU	63FFFF-0007	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2490(a)-Table10 § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.2490(a) § 63.2490(b) § 63.2490(c)	For each heat exchange system, as defined in §63.101, comply with the requirements of §63.104 and the requirements referenced therein except as specified in §63.2490.	[G]§ 63.104(b)	[G]§ 63.104(e)(2) [G]§ 63.104(f)(1)	[G]§ 63.104(f)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
PROPROH	PRO	63FFFF-0013	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2440(a) § 63.2450(a) § 63.2450(l)	This subpart applies to each miscellaneous organic chemical manufacturing affected source.	§ 63.2445(d)	§ 63.2525 § 63.2525(a) [G]§ 63.2525(b) § 63.2525(c) § 63.2525(f) § 63.2525(j)	§ 63.2435(d) § 63.2445(c) § 63.2450(g)(5) § 63.2450(m) § 63.2450(m)(1) § 63.2450(m)(2) § 63.2515(a) § 63.2515(b)(1) § 63.2515(c) § 63.2520(a) [G]§ 63.2520(b) [G]§ 63.2520(c) [G]§ 63.2520(d) § 63.2520(e) § 63.2520(e)(1) [G]§ 63.2520(e)(10) § 63.2520(e)(2) § 63.2520(e)(3) § 63.2520(e)(4) § 63.2520(e)(5) § 63.2520(e)(5)(i) [G]§ 63.2520(e)(5)(ii) [G]§ 63.2520(e)(5)(iii) § 63.2520(e)(6) § 63.2520(e)(7) § 63.2520(e)(9)
PROPROHHE	EU	63FFFF-0007	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2490(a)-Table10 § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.2490(a) § 63.2490(b) § 63.2490(c)	For each heat exchange system, as defined in §63.101, comply with the requirements of §63.104 and the requirements referenced therein except as specified in §63.2490.	[G]§ 63.104(b)	[G]§ 63.104(e)(2) [G]§ 63.104(f)(1)	[G]§ 63.104(f)(2)

Permit Shield

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX010D10	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D10	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D11	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D11	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but is not a process vent per 63.107(g) since the gas is not discharged to the atmosphere.
OX010D13	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D14	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D15	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D16	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D20	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D21	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D21	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but is not a process vent per 63.107(g) since the gas is not discharged to the atmosphere.
OX010D22	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but is not a process vent per 63.107(g) since the gas is not discharged to the atmosphere.
OX010D25	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D27	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D28	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but is not a process vent per 63.107(g) since the gas is not discharged to the atmosphere.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX010D29	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D29	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D30	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D31A	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D31A	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D31B	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D32	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D32	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D34	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D36	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D36	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D37	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX010D38	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D39	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX010D39	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but is not a process vent per 63.107(g) since the gas is not discharged to the atmosphere.
OX010FG1	N/A	40 CFR Part 60, Subpart VV	Not constructed, modified, or reconstructed after 1/5/81

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX010FG1	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service
OX010FG1	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in VHAP service
OX010FG1	N/A	40 CFR Part 63, Subpart H	Not part of a HON CMPU
OX010FG2	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service
OX010FG2	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in VHAP service
OX010FG2	N/A	40 CFR Part 63, Subpart FFFF	Not part of an affected MCPU.
OX010FG2	N/A	40 CFR Part 63, Subpart H	Not part of a HON CMPU
OX010FG3	N/A	40 CFR Part 60, Subpart VV	Not constructed, modified, or reconstructed after 1/5/81
OX010FG3	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service
OX010FG3	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in VHAP service
OX010FG3	N/A	40 CFR Part 63, Subpart H	Not part of a HON CMPU
OX010MWW1	N/A	40 CFR Part 63, Subpart G	Unit is not part of an affected CMPU.
OX010MWW3	N/A	40 CFR Part 63, Subpart G	Unit is not part of an affected CMPU.
OX010R10	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R10	N/A	40 CFR Part 60, Subpart RRR	Not constructed, modified, or reconstructed after 6/29/90.
OX010R11	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R12	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R12	N/A	40 CFR Part 60, Subpart RRR	Not constructed, modified, or reconstructed after 6/29/90.
OX010R12	N/A	40 CFR Part 63, Subpart FFFF	Not a process vent; unit vents to a fuel gas system.
OX010R124	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R14	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX010R14	N/A	40 CFR Part 60, Subpart RRR	Not constructed, modified, or reconstructed after 6/29/90.
OX010R182	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R182	N/A	40 CFR Part 60, Subpart RRR	Not constructed, modified, or reconstructed after 6/29/90.
OX010R19	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R19	N/A	40 CFR Part 60, Subpart RRR	Does not produce any chemical listed in 60.707.
OX010R20	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R21	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R21	N/A	40 CFR Part 60, Subpart RRR	Unit does not produce any chemical listed in 60.707.
OX010R323	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R325	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R326	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R410	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R410	N/A	40 CFR Part 60, Subpart RRR	Not constructed, modified, or reconstructed after 6/29/90.
OX010R8	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R8	N/A	40 CFR Part 60, Subpart RRR	Not constructed, modified, or reconstructed after 6/29/90.
OX010R9	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX010R9	N/A	40 CFR Part 60, Subpart RRR	Not constructed, modified, or reconstructed after 6/29/90.
OX010T2	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
OX010T2	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX010T2	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX010T2	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX010T2	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX010T221	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
OX010T221	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX010T221	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX010T221	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX010T221	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX010T229	N/A	40 CFR Part 60, Subpart Ka	Unit does not store petroleum liquid.
OX010T229	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX010T229	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX010T229	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX010T229	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX010T268	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
OX010T268	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX010T268	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX010T268	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX010T268	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX010T269	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
OX010T269	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX010T269	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX010T269	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX010T269	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX010T86	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3.
OX010T86	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX010T86	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX010T86	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX010T86	N/A	40 CFR Part 63, Subpart G	Unit is not part of an affected CMPU.
OX010T86	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX010T88	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3.
OX010T88	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX010T88	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX010T88	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX010T88	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX010T88	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX010WR1	N/A	40 CFR Part 61, Subpart BB	Unit does not load benzene containing material.
OX010WR1	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX010WR1	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX010WW1A	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX010WW1B	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX010WW2	N/A	40 CFR Part 63, Subpart FFFF	Not part of an affected MCPU.
OX010WW2	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX010WW3	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX011D41	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but is not a process vent per 63.107(g)

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			since the gas is not discharged to the atmosphere.
OX011D42	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX011D42	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but is not a process vent per 63.107(g) since the gas is not discharged to the atmosphere.
OX011D44	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but is not a process vent per 63.107(g) since the gas is not discharged to the atmosphere.
OX011FL1A	N/A	40 CFR Part 63, Subpart A	Not required by relevant Part 63 standards
OX011FL1B	N/A	40 CFR Part 63, Subpart A	Not required by relevant Part 63 standards
OX011R15	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX011R15	N/A	40 CFR Part 60, Subpart RRR	Not constructed, modified, or reconstructed after 6/29/90.
OX011R18	N/A	40 CFR Part 60, Subpart III	Not an air oxidation process.
OX011R18	N/A	40 CFR Part 60, Subpart RRR	Not constructed, modified, or reconstructed after 6/29/90.
OX011T113	N/A	40 CFR Part 60, Subpart Kb	Stored liquid vapor pressure is less than 3.5 KPa(0.5 psia).
OX011T113	N/A	40 CFR Part 60, Subpart Y	Unit does not store refined or industrial grade benzene.
OX011T113	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX011T113	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX011T113	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX011T113	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX011T148	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
OX011T148	N/A	40 CFR Part 60, Subpart Y	Unit does not store refined or industrial grade benzene.
OX011T148	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX011T148	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX011T148	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX011T66	N/A	40 CFR Part 60, Subpart Kb	Capacity less than 75 m3.
OX011T66	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX011T66	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX011T66	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX011T66	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX011T66	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX027T408	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
OX027T408	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX027T408	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX027T408	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX027T408	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX027T408	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX027T409	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
OX027T409	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX027T409	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX027T409	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX027T409	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX027T409	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX027T72	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX027T72	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX027T72	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX027T72	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX027T72	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX027T72	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX027T73	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
OX027T73	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX027T73	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX027T73	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX027T73	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX027T73	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX048FL1C	N/A	40 CFR Part 63, Subpart A	Not required by relevant 40 CFR Part 63 standards.
OX049T141	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquid
OX049T141	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX049T141	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX049T141	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX049T141	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX049T142	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
OX049T142	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX049T142	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX049T142	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX049T142	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX049T143	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
OX049T143	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX049T143	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX049T143	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX049T143	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX049T144	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
OX049T144	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX049T144	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX049T144	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX049T144	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX049T23	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
OX049T23	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX049T23	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX049T23	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX049T23	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX049T24	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
OX049T24	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX049T24	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX049T24	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX049T24	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX049T80	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
OX049T80	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX049T80	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX049T80	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX049T80	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX049T80	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T138	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquid
OX050T138	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T138	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T138	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T138	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T145	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquid
OX050T145	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T145	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T145	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T145	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T190	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T190	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T190	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T190	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T191R	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX050T191R	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T191R	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T191R	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T197	N/A	40 CFR Part 60, Subpart Ka	Does not store a petroleum liquid.
OX050T197	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T197	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T197	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but does not meet the definition of a storage tank per 63.2550 since the unit does not contain organic HAP.
OX050T197	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T197	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T3A	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage vessel is less than 75 m3.
OX050T3A	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T3A	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T3A	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T3A	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T403	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
OX050T403	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T403	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T403	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX050T403	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T403	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX050T404	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
OX050T404	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T404	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T404	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX050T404	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T404	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T406	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
OX050T406	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T406	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T406	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX050T406	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T406	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T422	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T422	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T422	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX050T422	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T422	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T50	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquid
OX050T50	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T50	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T50	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX050T50	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T51	N/A	40 CFR Part 60, Subpart K	Does not store petroleum liquid
OX050T51	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T51	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T51	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T51	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T74	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid
OX050T74	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T74	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T74	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T74	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T75	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
OX050T75	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T75	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T75	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
OX050T75	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T75	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX050T77R	N/A	40 CFR Part 60, Subpart Ka	Does not store a petroleum liquid.
OX050T77R	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX050T77R	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX050T77R	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but does not meet the definition of a

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			storage tank per 63.2550 since the unit does not contain organic HAP.
OX050T77R	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
OX050T77R	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX053D3	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX053D3	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but is not a process vent per 63.107(g) since the gas is not discharged to the atmosphere.
OX053D32	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/1983.
OX053D5	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX053D7	N/A	40 CFR Part 60, Subpart NNN	Not constructed, modified, or reconstructed after 12/30/83.
OX053D7	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX053D9R	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU since the MCPU does not process, use, or generate any of the organic HAPs listed.
OX053FG2	N/A	40 CFR Part 60, Subpart VV	Not constructed, modified, or reconstructed after 1/5/81.
OX053FG2	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service.
OX053FG2	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in VHAP service.
OX053FG2	N/A	40 CFR Part 63, Subpart FFFF	Not part of an affected MCPU.
OX053FG2	N/A	40 CFR Part 63, Subpart H	Not part of a HON CMPU.
OX053T57	N/A	40 CFR Part 60, Subpart Kb	Capacity of storage unit is less than 75 m3.
OX053T57	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
OX053T57	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
OX053T57	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
OX053T57	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
OX053WW2	N/A	40 CFR Part 63, Subpart FFFF	Not part of an affected MCPU.
OX053WW2	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
PRO2EH	N/A	40 CFR Part 63, Subpart FFFF	Not an affected MCPU.
PRO2EH	N/A	40 CFR Part 63, Subpart G	Not an affected CMPU.
PRO2EH	N/A	40 CFR Part 63, Subpart YY	Process is not listed as a source category in Table 1 to 63.1100(a).
PROBUOH	N/A	40 CFR Part 63, Subpart FFFF	Not an affected MCPU.
PROBUOH	N/A	40 CFR Part 63, Subpart G	Not an affected CMPU.
PROBUOH	N/A	40 CFR Part 63, Subpart YY	Process is not listed as a source category in Table 1 to 63.1100(a).
PRONPG	N/A	40 CFR Part 63, Subpart G	Not an affected CMPU.
PRONPG	N/A	40 CFR Part 63, Subpart YY	Process is not listed as a source category in Table 1 to 63.1100(a).
PROPROH	N/A	40 CFR Part 63, Subpart G	Not an affected CMPU.
PROPROH	N/A	40 CFR Part 63, Subpart YY	Process is not listed as a source category in Table 1 to 63.1100(a).
SD020T100	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
SD020T100	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD020T100	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD020T100	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
SD020T100	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD020T100	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD020T112	N/A	40 CFR Part 60, Subpart K	Unit does not store a petroleum liquid.
SD020T112	N/A	40 CFR Part 61, Subpart FF	Unit not used to manage a benzene containing waste stream.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
SD020T112	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD020T112	N/A	40 CFR Part 63, Subpart EEEE	Unit does not store 5% by weight or greater of organic HAPs listed in Table 1.
SD020T112	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected MCPU.
SD020T112	N/A	40 CFR Part 63, Subpart G	Unit is not part of an affected CMPU.
SD020T112	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as part of a source category in Table 1 to 63.1100(a).
SD020T115	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
SD020T115	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD020T115	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD020T115	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but does not meet the definition of a storage tank per 63.2550 since the unit stores liquid that contains organic HAP only as an impurity.
SD020T115	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD020T115	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD021T129	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
SD021T129	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD021T129	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD021T129	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
SD021T129	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD021T129	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD021T131	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
SD021T131	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
SD021T131	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD021T131	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but does not meet the definition of a storage tank per 63.2550 since the unit stores liquid that contains organic HAP only as an impurity.
SD021T131	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD021T131	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD022T101	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
SD022T101	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD022T101	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD022T101	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
SD022T101	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD022T101	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD022T120	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
SD022T120	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD022T120	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD022T120	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
SD022T120	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD022T120	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD023T132	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
SD023T132	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD023T132	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
SD023T132	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
SD023T132	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD023T132	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD023T139	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
SD023T139	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD023T139	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD023T139	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
SD023T139	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD023T139	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD048T418	N/A	40 CFR Part 60, Subpart K	Does not store a petroleum liquid.
SD048T418	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD048T418	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD048T418	N/A	40 CFR Part 63, Subpart FFFF	Unit is part of an affected MCPU but does not meet the definition of a storage tank per 63.2550 since the unit does not contain organic HAP.
SD048T418	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.
SD048T418	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
SD265T1002	N/A	40 CFR Part 60, Subpart Ka	Unit does not store petroleum liquid.
SD265T1002	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
SD265T1002	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
SD265T1002	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected MCPU.
SD265T1002	N/A	40 CFR Part 63, Subpart G	Not part of an affected CMPU.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
SD265T1002	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).

New Source Review Authorization References

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 1105	Issuance Date: 04/05/2021
Authorization No.: 18528	Issuance Date: 02/02/2021
Authorization No.: 48591	Issuance Date: 04/30/2020
Authorization No.: 48615	Issuance Date: 01/14/2020
Authorization No.: 48617	Issuance Date: 04/28/2021
Authorization No.: 84724	Issuance Date: 08/19/2013
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.122	Version No./Date: 09/04/2000
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.418	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.475	Version No./Date: 09/04/2000
Number: 106.476	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
OX010D10	DISTILLATION COLUMN 27D-10	48591
OX010D11	DISTILLATION COLUMN 27D-11	18528
OX010D13	DISTILLATION COLUMN 27D-13	48591
OX010D14	2-EH DISTILLATION COLUMN 27D-14	106.264/09/04/2000
OX010D15	DISTILLATION COLUMN 27D-15	48615
OX010D16	DISTILLATION COLUMN 27D-16	48615
OX010D18	VENT RECOVERY SCRUBBER 27D-18	18528
OX010D19	DISTILLATION COLUMN 27D-19	106.261/11/01/2003, 106.262/11/01/2003
OX010D20	DISTILLATION COLUMN 27D-20	18528
OX010D21	DISTILLATION COLUMN 27D-21	18528
OX010D22	2-EH DISTILLATION COLUMN 27D-22	48591
OX010D25	DISTILLATION COLUMN 27D-25	48591
OX010D27	DISTILLATION COLUMN 27D-27	48591
OX010D28	DISTILLATION COLUMN 27D-28	18528
OX010D29	DISTILLATION COLUMN 27D-29	48591
OX010D30	DISTILLATION COLUMN 27D-30	48591
OX010D31A	DISTILLATION COLUMN 27D-31A	48617
OX010D31B	DISTILLATION COLUMN 27D-31B	48591
OX010D32	DISTILLATION COLUMN 27D-32	48591
OX010D34	DISTILLATION COLUMN 27D-34	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX010D36	DISTILLATION COLUMN 27D-36	48617

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
OX010D37	DISTILLATION COLUMN 27D-37	48617
OX010D38	DISTILLATION COLUMN 27D-38	48615
OX010D39	DISTILLATION COLUMN 27D-39	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX010E184	VENT CONDENSER 27E-184	18528
OX010FG1	PROPANOL PLANT EQUIPMENT LEAKS	48615, 106.261/11/01/2003, 106.262/11/01/2003
OX010FG2	2-EH PLANT EQUIPMENT LEAKS	48591, 106.261/11/01/2003, 106.262/11/01/2003
OX010FG3	NPG PLANT EQUIPMENT LEAKS	18528, 106.261/09/04/2000, 106.261/11/01/2003, 106.262/09/04/2000, 106.262/11/01/2003, 106.475/09/04/2000
OX010MWW1	PROPANOL PLANT MAINTENANCE WASTEWATER	84724
OX010MWW3	NPG PLANT MAINTENANCE WASTEWATER	84724
OX010R10	REACTOR 27R-10	48591
OX010R11	REACTOR 27R-11	48591
OX010R12	REACTOR 27R-12	48615
OX010R124	REACTOR 27R-124	18528
OX010R13	REACTOR 27R-13	18528, 106.475/09/04/2000
OX010R14	REACTOR 27R-14	48591
OX010R16	REACTOR 27R-16	106.475/09/04/2000
OX010R182	REACTOR 27R-182	48591
OX010R19	REACTOR 27R-19	106.124/09/04/2000
OX010R20	REACTOR 27R-20	48591
OX010R21	REACTOR 27R-21	106.124/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
OX010R22	REACTOR 27R-22	48591
OX010R323	REACTOR 27R-323	48591
OX010R325	REACTOR 27T-325	18528
OX010R326	REACTOR 27T-326	18528
OX010R410	REACTOR 27R-410	18528
OX010R8	REACTOR 27R-8	48591
OX010R9	REACTOR 27R-9	48591
OX010T2	SURGE CONTROL VESSEL 27T-2	18528
OX010T221	SURGE CONTROL VESSEL 27T-221	48615
OX010T229	SURGE CONTROL VESSEL 27T-229	48615
OX010T268	SURGE CONTROL VESSEL 27T-268	18528
OX010T269	SURGE CONTROL VESSEL 27T-269	18528
OX010T86	REACTOR FEED TANK 27T-86	48591
OX010T88	CRUDE STORAGE TANK 27T-88	48617
OX010WR1	PROCESS WASTE LOADING	18528, 48615, 48617
OX010WW1A	PROPANOL PLANT (D-38) PROCESS WASTEWATER	48615
OX010WW1B	PROPANOL PLANT (T229) PROCESS WASTEWATER	48615
OX010WW2	2-ETHYLHEXANOL PROCESS WASTEWATER	106.263/11/01/2001
OX010WW3	NPG PROCESS WASTEWATER	18528
OX011D41	DISTILLATION COLUMN 27D-41	18528
OX011D42	DISTILLATION COLUMN 27D-42	18528

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
OX011D43	DISTILLATION COLUMN 27D-43	18528, 106.261/11/01/2003, 106.262/11/01/2003, 106.475/09/04/2000
OX011D44	DISTILLATION COLUMN 27D-44	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX011FL1A	BLDG. 29 - NPG FLARE	18528, 84724, 106.475/09/04/2000
OX011FL1B	BLDG. 29 - PROPANOL/BUTANOL FLARE	48615, 48617, 84724, 106.475/09/04/2000
OX011R15	REACTOR 27R-15	48617, 106.475/09/04/2000
OX011R18	REACTOR 27R-18	18528
OX011T113	STORAGE TANK 27T-113	18528
OX011T148	SURGE CONTROL VESSEL 27T-148	18528
OX011T66	FEED TANK 27T-66	48591
OX027T408	STORAGE TANK 43T-408	48591
OX027T409	STORAGE TANK 43T-409	48591, 106.261/11/01/2003, 106.262/11/01/2003
OX027T72	N-BUOH STORAGE TANK 43T-72	48617
OX027T73	N-BUOH STORAGE TANK 43T-73	48617
OX048FL1C	B-36 FLARE (2-EH PROCESS)	48591, 84724, 106.261/11/01/2003, 106.262/11/01/2003
OX049T141	STORAGE TANK 43T-141	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX049T142	STORAGE TANK 43T-142	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX049T143	STORAGE TANK 43T-143	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX049T144	STORAGE TANK 43T-144	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX049T23	STORAGE TANK 43T-23	48615, 106.261/11/01/2003, 106.262/11/01/2003
OX049T24	STORAGE TANK 43T-24	48615, 106.261/11/01/2003, 106.262/11/01/2003

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
OX049T80	STORAGE TANK 43T-80	48591, 106.261/11/01/2003, 106.262/11/01/2003
OX050T138	STORAGE TANK 43T-138	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX050T145	STORAGE TANK 43T-145	18528
OX050T190	STORAGE TANK 43T-190	18528
OX050T191R	STORAGE TANK 43TK-191R	106.261/11/01/2003, 106.262/11/01/2003, 106.478/09/04/2000
OX050T197	STORAGE TANK 43T-197	18528, 106.472/09/04/2000
OX050T3A	STORAGE TANK 43T-3A	18528
OX050T403	STORAGE TANK 43TK-403	106.261/11/01/2003, 106.262/11/01/2003
OX050T404	STORAGE TANK 43TK-404	106.261/11/01/2003, 106.262/11/01/2003
OX050T406	STORAGE TANK 43T-406	48591
OX050T422	STORAGE TANK 43T-422	106.472/09/04/2000
OX050T50	STORAGE TANK 43T-50	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX050T51	STORAGE TANK 43T-51	18528, 106.261/11/01/2003, 106.262/11/01/2003
OX050T74	STORAGE TANK 43T-74	18528
OX050T75	STORAGE TANK 43T-75	48591, 106.261/11/01/2003, 106.262/11/01/2003
OX050T77R	STORAGE TANK 43T-77R	18528, 106.472/09/04/2000
OX053D3	DISTILLATION COLUMN 16D-3	18528, 106.475/09/04/2000
OX053D32	DISTILLATION COLUMN 13D-32	18528
OX053D5	DISTILLATION COLUMN 16D-5	18528
OX053D7	DISTILLATION COLUMN 16D-7	48617
OX053D8B	DISTILLATION COLUMN 16D-8B	18528

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
OX053D9R	DISTILLATION COLUMN 16D-9R	48591
OX053FG2	BUTANOL PLANT EQUIPMENT LEAKS	48617, 106.261/09/04/2000, 106.261/11/01/2003, 106.262/09/04/2000, 106.262/11/01/2003
OX053T57	SURGE CONTROL VESSEL 27T-57	18528, 106.475/09/04/2000
OX053WW2	BUTANOL PROCESS WASTEWATER	48617
PRO2EH	2-ETHYLHEXANOL PROCESS	48591, 84724
PROBUOH	BUTANOL PROCESS	48617, 84724
PRONPG	NPG PROCESS	18528, 84724, 106.418/09/04/2000
PRONPGHE	NPG PROCESS HEAT EXCHANGE SYSTEMS	18528
PROPROH	PROPANOL PROCESS	48615, 84724
PROPROHHE	PROPANOL PROCESS HEAT EXCHANGE SYSTEMS	48615
SD020T100	STORAGE TANK 40T-100	48617, 106.261/11/01/2003, 106.262/11/01/2003
SD020T112	STORAGE TANK 40T-112	48591
SD020T115	STORAGE TANK 40T-115	48615, 106.261/11/01/2003, 106.262/11/01/2003
SD021T129	STORAGE TANK 40T-129	48591, 106.261/11/01/2003, 106.262/11/01/2003, 106.472/09/04/2000
SD021T131	STORAGE TANK 40T-131	48615, 106.261/11/01/2003, 106.262/11/01/2003
SD022T101	STORAGE TANK 40T-101	106.261/11/01/2003, 106.262/11/01/2003
SD022T120	STORAGE TANK 40T-120	106.478/09/04/2000
SD023T132	STORAGE TANK 40T-132	48591, 106.261/11/01/2003, 106.262/11/01/2003
SD023T139	STORAGE TANK 40T-139	48617, 106.261/11/01/2003, 106.262/11/01/2003

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
SD048T418	STORAGE TANK 43T-418	1105
SD265T1002	STORAGE TANK 60FB-1002	48591, 106.261/11/01/2003, 106.262/11/01/2003

Appendix A

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
H_2S ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO_x ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
SO_2 ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound